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U.S. DEPARTMENT OF COMMERCE
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SEARCH REQUEST FORM

112358

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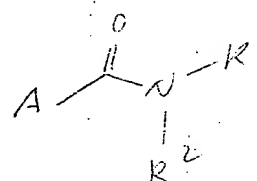
Art Unit:

1614

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

Barb please



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Date completed:

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29

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Type of Search

N.A. Sequence

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2 Structure

Bibliographic

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299 STN

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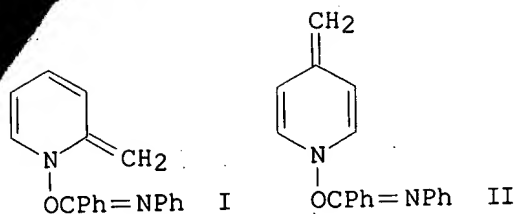
SDC

DARC/Questel

Other

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L8 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1981:568016 CAPLUS
DOCUMENT NUMBER: 95:168016
TITLE: Mechanism of direct side-chain acylation and
aminoarylation of 2- and 4-picoline 1-oxides
AUTHOR(S): Abramovitch, Rudolph A.; Abramovitch, Dorota A.;
Tomasik, Piotr
CORPORATE SOURCE: Dep. Chem. Geol., Clemson Univ., Clemson, SC, 29631,
USA
SOURCE: Journal of the Chemical Society, Chemical
Communications (1981), (11), 561-2
CODEN: JCCCAT; ISSN: 0022-4936
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 95:168016
GI



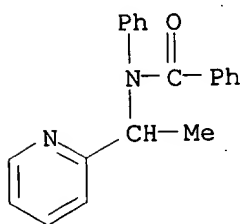
AB The isolation of radical coupling products and the observation of appropriate CINDP signals suggest that most of the title reactions proceed by homolysis of anhydro bases such as I and II (derived from 2- and 4-picoline 1-oxide resp. and N-phenylbenzimidoyl chloride) followed by radical recombinations. A diaza-oxy-Cope rearrangement may still account for the formation of .alpha.-acylamination products.

IT **79249-69-7P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 79249-69-7 CAPLUS

CN Benzamide, N-phenyl-N-[1-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)



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